Converting Colors

RYB(217, 220, 223)

Have a look what the booklet for RYB(217, 220, 223) contains.

Color

RYB(217, 220, 223)

Conversions

Format	Color
Hex	D9DFDF
RGB	217, 223, 223
RGB Percent	85%, 87%, 87%
CMY	0.1490, 0.1255, 0.1255
CMYK	0.03, 0.00, 0.00, 0.13
HSL	180°, 9%, 86%
HSV	180°, 3%, 87%
XYZ	68.3222, 72.8548, 80.2734
YIQ	221.2060, -3.5760, -1.2720

Conversions Part 1

Conversions

Conversions Part 2

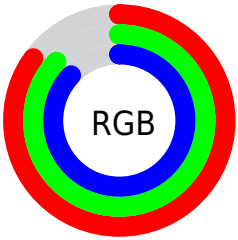
Format	Color
RYB	217, 220, 223
Decimal	14278623
CIELab	88.38, -2.01, -0.71
CIELCh	88, 2.133, 199.536
Yxy	72.8548, 0.3085, 0.3290
Android (android.graphics.Color)	4292468703 (0xFFD9DFDF)
YUV	221.2060, 0.8844, -3.6887
Hunter-Lab	85.3550, -6.4913, 3.9883

Details

The RYB color 217, 220, 223 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 223, 217, 217, and the grayscale version is 221, 221, 221.

A 20% lighter version of the original color is 255, 255, 255, and 162, 165, 168 is the 20% darker color. If you saturate the color by 10%, you get 195, 209, 223, and if you desaturate by 10%, it is 239, 223, 223.

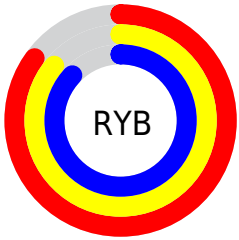
Distribution



Red (85%)

Green (87%)

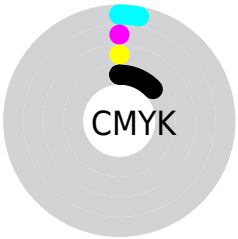
Blue (87%)



Red (85%)

Yellow (86%)

Blue (87%)

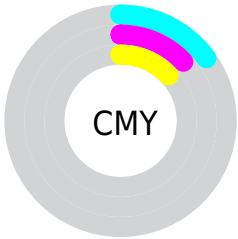


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 220, 223 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 217, 220, 223 by changing the saturation by 10% instead.

217, 220, 223	217, 220, 223
255, 255, 255	189, 192, 195
	162, 165, 168
	136, 139, 141
	111, 114, 116
	86, 89, 91
	63, 66, 68
	41, 44, 46
	21, 23, 25
	0, 0, 0

217, 220, 223

195, 209, 223

172, 198, 223

150, 187, 223

128, 176, 223

105, 164, 223

83, 153, 223

61, 142, 223

39, 131, 223

16, 120, 223

217, 220, 223

239, 223, 223

255, 223, 223

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

218, 221, 223

217, 220, 223

217, 220, 225

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

217, 220, 223

224, 221, 224

224, 224, 218

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

217, 220, 223

223, 217, 217

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

226, 222, 219

217, 220, 223

226, 221, 223

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

217, 220, 223

221, 221, 226

226, 220, 220

218, 222, 218

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

217, 220, 223

218, 221, 225

226, 220, 220

225, 223, 218

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

217, 220, 223

252, 254, 255

217, 223, 223

126, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

217, 220, 223

247, 251, 255

217, 219, 223

108, 110, 112

0, 88, 176

0, 24, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

223, 217, 223

255, 247, 255

223, 223, 217

112, 108, 112

176, 0, 176

48, 0, 48

Previews

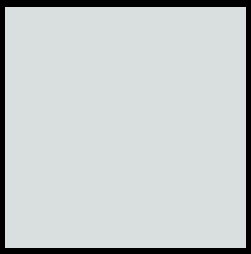
White Background

This preview shows how the RYB color 217, 220, 223 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



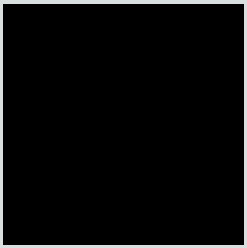
This preview shows how the RYB color 217, 220, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 217, 220, 223 Background



This preview shows how black text looks on a background with the RYB color 217, 220, 223.

This preview shows how white text looks on a background with the RYB color 217, 220, 223.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
217, 220, 223

Protanopia
225, 221, 222

Deuteranopia
242, 215, 225

Tritanopia
219, 221, 238

Trichromacy

Original Color
217, 220, 223

Protanomaly
222, 222, 222

Deuteranomaly
233, 218, 224

Tritanomaly
218, 221, 233

Monochromacy

Original Color
217, 220, 223

Achromatopsia
221, 221, 221

Achromatomaly
220, 221, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 220, 223 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(217, 223, 223) looks like.

```
.text, #text, p{
    color:rgb(217, 223, 223)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(217, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 223) }
```

Border

The CSS property to change the border of an element to RYB 217, 220, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 223, 223) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(217, 223, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(217, 223, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 223, 223); box-shadow:4px 4px 4px 4px rgb(217, 223, 223) }
```

Background

The CSS property to change the background color of an element to RYB 217, 220, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(217, 223, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(217,
223, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor